



# INSTRUCTIONS FOR SAFE OPERATIONS

**TOUGHPIX II**  
EXPLOSION PROOF  
DIGITAL CAMERA



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# READ THIS FIRST

The ToughPIX II 24xx range of flameproof digital cameras are suitable for use in hazardous areas (Ex zones: potentially explosive environments).

Read and understand all Warnings and Cautions before using this product.

## Liability

The technical specification of the camera complies with relevant European Ex standards (EN 60079-0 and EN60079-1).

The user is solely responsible for ensuring the equipment is suitable for the intended purpose and environments.

CorDEX Instruments will not be liable for any injury or damage resulting from unauthorized adjustments to, or dismantling of, the camera or for use with inappropriate applications or environments.

## Trademark Information

Microsoft® and Windows® are U.S. registered trademarks of Microsoft Corporation. Pentium® is a registered trademark of Intel Corporation.

Macintosh is a trademark of Apple Computer, Inc. SD™ is a trademark.

Other names and products may be trademarks or registered trademarks of their respective owners.

## Product Information

Product design and specifications are subject to change without notice. This includes primary specifications, software, software drivers, and user's manual. The User Manual is a general reference guide for the product.

The manufacturer assumes no liability for any errors or discrepancies in the user manual.

# INSTRUCTIONS FOR SAFE USE

The conditions referenced in this section relate specifically to hazardous area applications and must be followed.

In accordance with clause 5.1 of EN 60079-1, the critical dimensions of the flamepaths are:

Flamepath	Maximum Gap (mm)	Minimum L (mm)
Rearcarriage/ front carriage	0.04	6.5
Flash Window/ frontcarriage	0.1	13.8
LCDWindow/ frontcarriage	0.1	13.8
Lens window/ frontcarriage	0.1	13.8
Operatingrod/ rear and	0.1	10.5

- Contact the manufacturer for information on the dimensions of the flameproof joint
- The apparatus must only be used in areas where there is low risk of impact
- Do not charge battery pack in the hazardous area
- The battery must be removed from the camera and charged in the CorDEX Instruments ToughPIX II charging bay part number CDX-2400-XXX. Using a different charging device will void the certification.

# LABELLING

CorDEX Instruments Ltd. 1 Owens Rd, Middlesbrough, TS6 6HE, UK

TP2410 - Explosionproof Digital Camera



II 2 G

Ex d IIB+H2 T6 GbTamb -20°C to +50°C

ATEX -TRAC13ATEX0046X

IECEx :IECEx TRC 13.0016X

Serial Number- XXXX-XX-XXXX

Year of Construction- YYYY

Powered by – Refer to Manual



xxxx

DO NOT OPEN WHEN EXPLOSIVE ATMOSPHERE PRESENT

## OPERATIONAL CAUTIONS

The cautions contained in this section do not relate specifically to safe use in hazardous area applications but should be followed to help prevent damage to the device or personnel.

- Keep out of reach of children
- The TP2410 is a precision instruction. Do not drop it, strike it or use excessive force when handling

### Maintenance

For safety critical maintenance, please refer to EN60079-17

## CERTIFICATION

Model	TP2410
ATEX Certificate No.	TRAC13ATEX0046X
ATEX Coding	 XXXX
	 IIB+H2 T6 Gb Tamb -20°C to +50°C
Ambient Temperature	-20° to +50°C
Power Supply	ToughPIX II 2410 Series Removable Rechargeable Battery Pack, part number CDX-2410-011